



Electricity Oversight Board

Daily Report for Thursday, March 4, 2004

The average zonal price increased by 9 percent for SP15 to \$32.44/MWh up from \$29.69/MWh and increased by 9 percent for NP15 to \$31.06/MWh up from \$28.55/MWh. Many indicating factors pointed to lower zonal prices, such as:

- Moderate weather conditions. Temperatures increased across California by 1 degree and ranged in the mid-60s.
- Lower natural gas price. The average natural gas price decreased by 3 percent to \$5.11/MMBtu down from \$5.26/MMBtu on Wednesday.

However, the higher average zonal price could have resulted from:

- Congestion on Path 26, in the north-to-south direction, at noon and between 5 p.m. and 8 p.m. resulted in split zonal prices and higher SP15 average zonal price.
- Higher generation outage level that ranged at between 10,700 MW and 13,100 MW.

The price spike at 10 p.m. could have occurred as a result of the winter peak load (evening hours) that concurs with the periods which generators with long-term contracts typically ramp down. To balance the loads with resources in the real-time sometimes requires acceptance of all bids that could imply higher priced bids as well.

In an effort to mitigate intra-zonal congestion, the CAISO requested decremental energy bids for Miguel Banks between 7 a.m. and 3 pm.

Figure 1 - SP15 & NP15 7-Day Rolling Average Prices

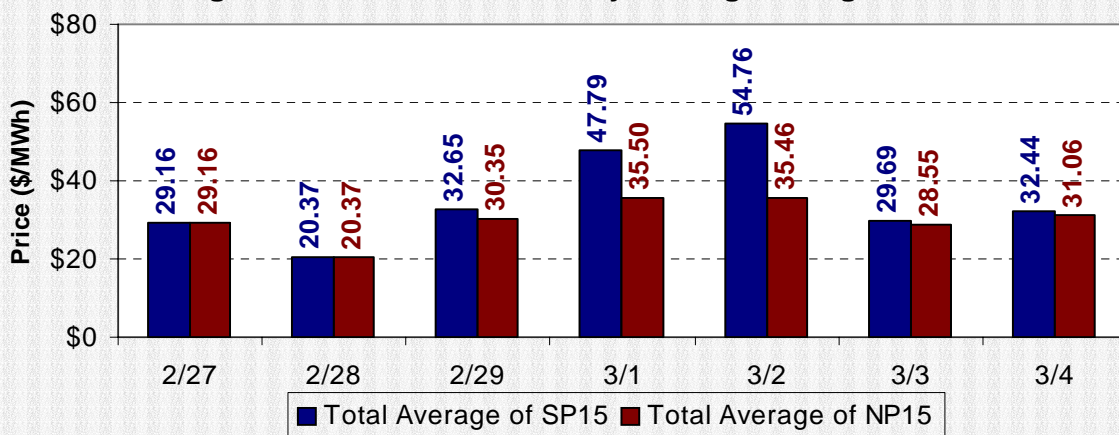
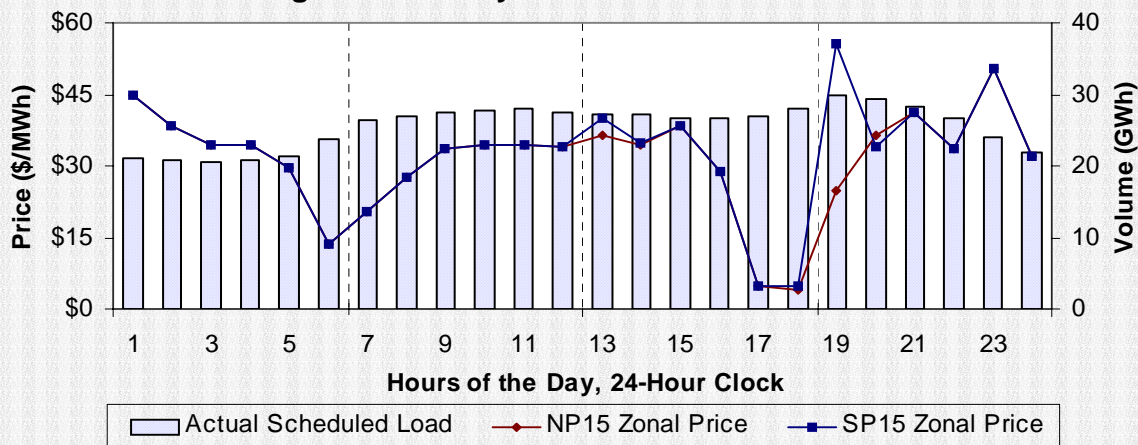


Figure 2 - Hourly Zonal Price and Volume





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Figure 3 - On-Peak Average Price by Market Area

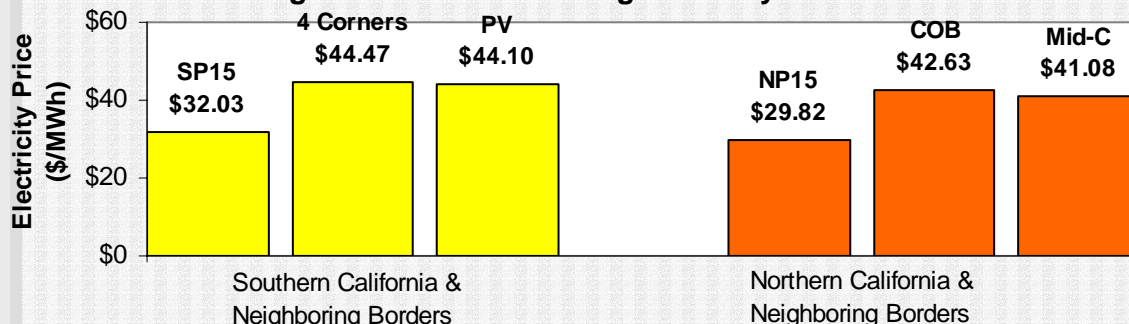


Figure 4a - Seven Day Snapshot of NP15

Figure 4b - Seven Day Snapshot of SP15

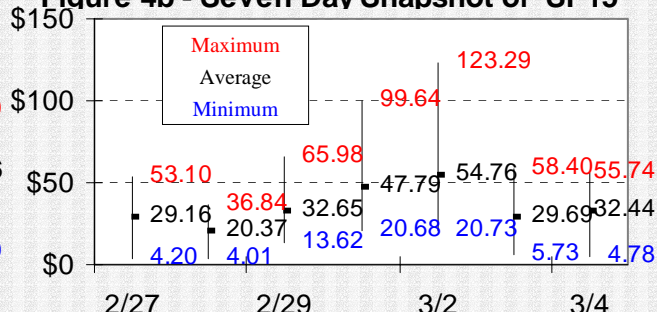
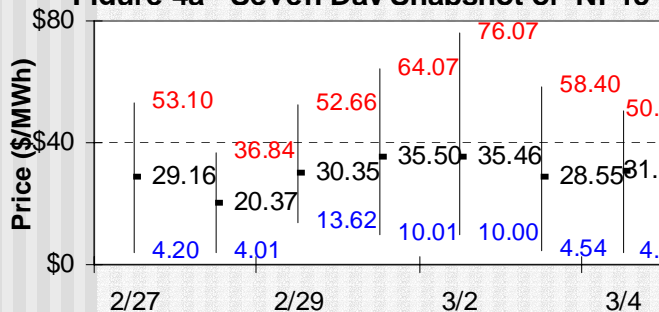
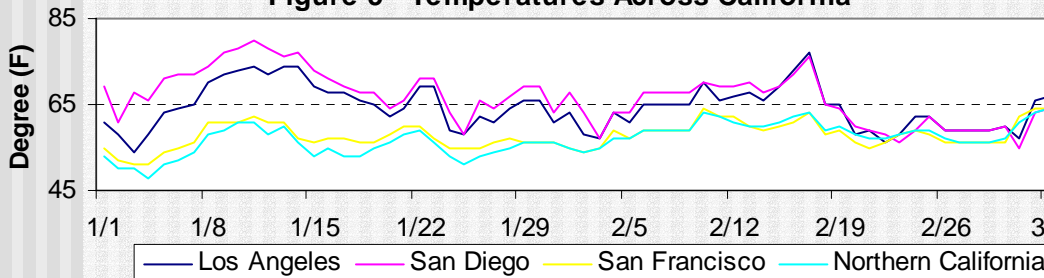


Figure 5 - Temperatures Across California



Region	Temp (F)	Degree Change
Los Angeles	67	1
San Diego	64	1
San Francisco	64	0
Northern CA	64	1

Figure 6 - Average Natural Gas Price

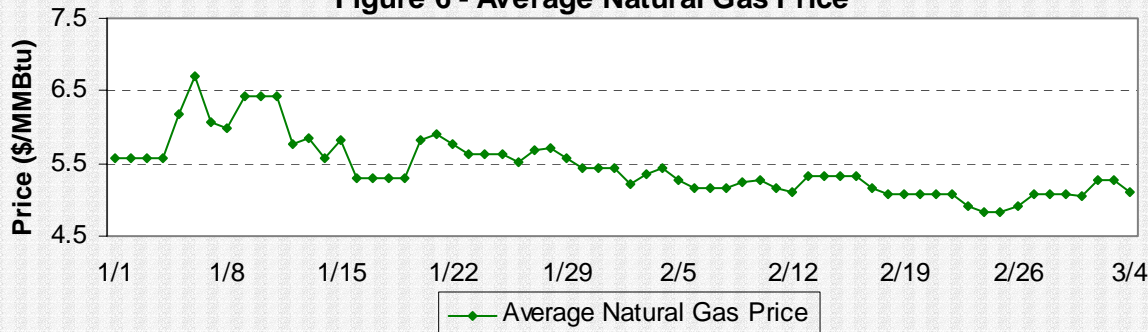


Figure 7 - Average Daily Zonal Price & Total Actual Load

